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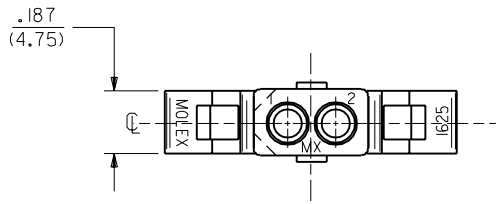
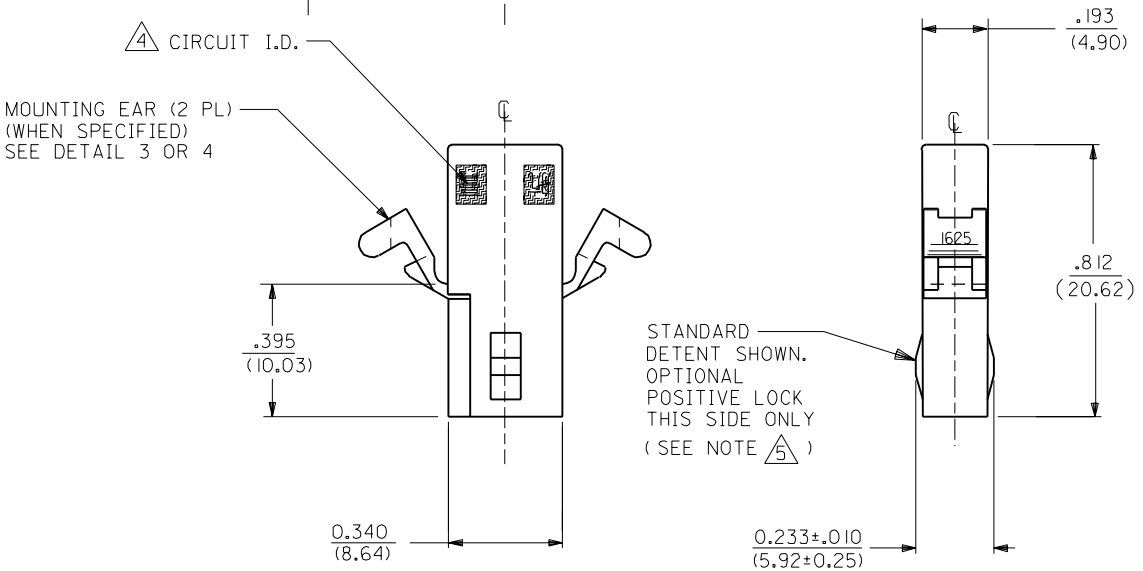
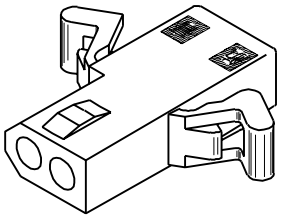
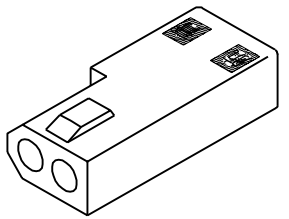
Jameco Part Number 142113



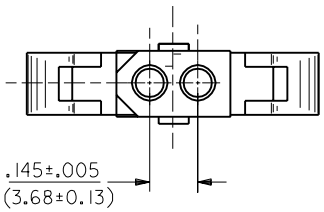




RECEPTACLE HOUSING
(1625-2R2 SHOWN)



RECEPTACLE HOUSING
(1625-2R3 SHOWN)



OPTIONAL POSITIVE LOCK
ONE SIDE ONLY
SCALE 4:1

LTR.	REVISIONS	LTR.	REVISIONS
		AD1	SEE SHT. 1
		AD	SEE SHT. 1
		X	SEE SHT. 1
		W	SEE SHT. 1
		V	SEE SHT. 1
		P	SEE SHT. 1
		N	SEE SHT. 1

DIMENSIONS SHOWN (METRIC) INCH

UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 10

	INCH	METRIC
3 PLACE	± .007	---
2 PLACE	± .010	± .18
1 PLACE	---	± .25

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWG. BY JJS | CHK'D. BY RW | APP'D. BY RAS | SCALE 4:1

▽=0 ▼=0 REVISE ONLY ON CAD SYSTEM

TITLE: PLUG & RECEPTACLE HOUSING 2 CIRCUIT, .062/(1.57) DIA.

MOLEX INCORPORATED LISLE,ILL. 60532 U.S.A. | SHEET NO. 2 | DATE 4/14/88

PART NO. SEE CHART | DRWG. NO. SD-1625-2•

FILE NAME S16252X2 DGN

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIV. CP | SIZE C

PLUG	
PART NO.	ENG. NO.
03-06-7023	1625-2P1BK
03-06-2023	1625-2P1
03-06-7027	1625-2P2BK
03-06-2024	1625-2P2

RECEPTACLE	
PART NO.	ENG. NO.
03-06-6023	1625-2R1BK
03-06-1020	1625-2R3
03-06-1023	1625-2R1
03-06-1022	1625-2R2
03-06-6025	1625-2R2RD
03-06-6026	1625-2R2GN
03-06-6027	1625-2R2BU
03-06-6022	1625-2R2BK
03-06-6028	1625-2R1BU

RECEPTACLE LEGEND:

1625-2R**

CIRCUIT SIZE

R = RECEPTACLE

BLANK = WITH STANDARD MOUNTING EARS; WITH DETENTS
1 = WITHOUT MOUNTING EARS; WITH DETENTS
2 = WITH PREBENT MOUNTING EARS; WITH DTENTS
3 = W/O MOUNTING EARS, WITH POSITIVE LOCK

BLANK = NATURAL

AM=AMBER	BK=BLACK	BU=BLUE
BN=BROWN	GY=GRAY	GN=GREEN
OR=ORANGE	RD=RED	YW=YELLOW

PLUG LEGEND:

1625-2P**

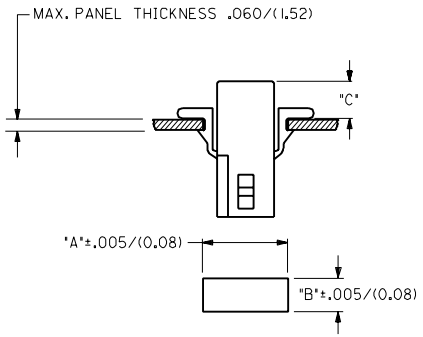
CIRCUIT SIZE

P = PLUG

1 = WITHOUT MOUNTING EARS
2 = WITH PREBENT MOUNTING EARS
3 = W/O MOUNTING EARS, WITH POSITIVE LOCK

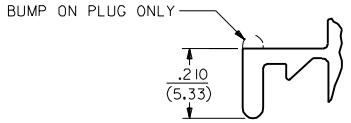
BLANK = NATURAL

AM=AMBER	BK=BLACK	BU=BLUE
BN=BROWN	GY=GRAY	GN=GREEN
OR=ORANGE	RD=RED	YW=YELLOW

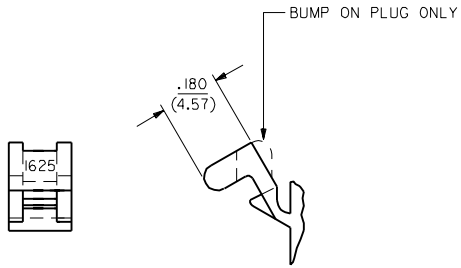


RECOMMENDED HOLE PATTERN

HOUSING	DIM. "A"	DIM. "B"	PREBENT EAR DIM. "C"	STD. EAR DIM. "C"
PLUG	.609 (15.47)	.318 (8.08)	.24 (6.0)	.24 (6.1)
RECEPTACLE	.505 (12.83)	.265 (6.73)	.25 (6.4)	.25 (6.4)



DETAIL 3
STANDARD MOUNTING EARS
(SCALE 4:1)



DETAIL 4
PREBENT MOUNTING EARS
(SCALE 4:1)

NOTES:

1. MATERIAL - NYLON TYPE 6/6, 94V-2
2. THIS PRODUCT COMPLIES WITH MOLEX PRODUCT SPEC 02-06.
3. HOUSINGS FOR USE WITH MOLEX .062/(1.57) DIA. SERIES TERMINALS.
4. CIRCUIT I.D. NUMBERS ON SIDE OF HOUSING APPEAR ON PARTS FROM TOOLS BUILT AFTER 7/1/91.
5. POSTIVE LOCK VERSION REQUIRES USE OF A SCREWDRIVER OR SIMILAR TOOL TO LIFT SHROUD ON PLUG HOUSING IN ORDER TO UNMATE RECEPTACLE HOUSING.

LTR.	REVISIONS	LTR.	REVISIONS
		AD1	SEE SHT. 1
		AD	SEE SHT. 1

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1°

	INCH	METRIC
3 PLACE	± .007	---
2 PLACE	± .010	± .18
1 PLACE	---	± .25

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWG. BY JJS | CHK'D. BY RW
APP'D. BY RAS | SCALE 2 : 1

▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM

TITLE: PLUG & RECEPTACLE HOUSINGS 2 CIRCUIT, .062/(1.57) DIA.

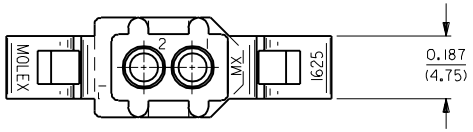
MOLEX INCORPORATED LISLE,ILL. 60532 U.S.A. | SHEET NO. 3 | DATE 4/14/88

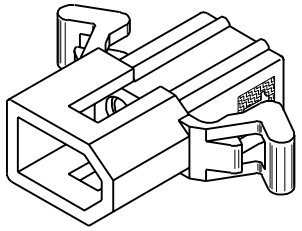
PART NO. SEE CHART | DRWG. NO. SD-1625-2*

FILE NAME S16252X3.DGN

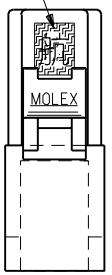
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

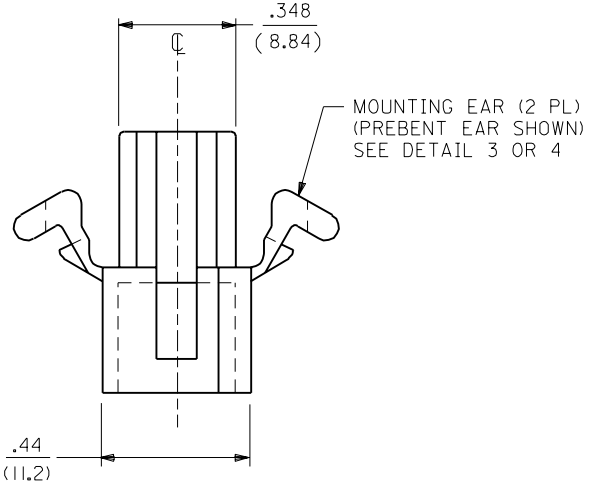
DIV. CP | SIZE C

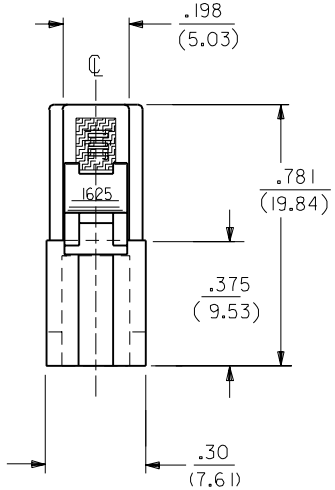


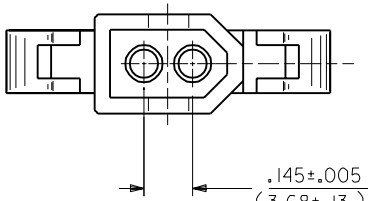


PLUG HOUSING









REVISIONS			
SH.	REV.	LTR.	
3	ADI	P	REV. CORE DETAILS ECR # U8 1202 GEP 3-29-88 RW
2	ADI	N	REDRAWN PER ECR #9482 7-27-87 ME/RW
1	ADI		
	ADI		REVISED UCR1998-0112 WANG 98-04-07
	AD		REVISED ECN U81434 WANG 98-01-06
	AC		ADD -2R1 BU ECN #U6 1505 5-31-96 RW
	AB		CHG. -2R's TO -2R2's ECR U4 0671 GK 5/26/94 RW
	AA		REMOVE 1625-2P ECR U2 1817 GK 12/16/92 RW
	Z1		FINAL REL. -2P2BK ECN #U3 0328 3-2-93 RW
	Z		REVISE PER ECR U2 0850 GK 6/8/92 RW
	Y		REVISE PER ECR U1 2251 GK 11/20/91 RW
	X		REVISE PER ECR U1 1963 GK 10/29/91 RW
	W		REVISE RECEPTACLE PER ECR U1 1034 GK 7/2/91 RW
	V		ADD CKT. ID RIBS ECR U0 0229 GK 2/27/90 RW
	T		ADD -2PGN OPTION ECR # U9 0979 8-21-89 RW
	S		REVISED PER ECR #U90390 GEP 4-26-89 RW
	R		ADDED OPTIONS ECR # U90277 KBW 03-22-89 RW

1625

DIMENSIONS SHOWN (METRIC) INCH

UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1°

	INCH	METRIC
3 PLACE	± .007	---
2 PLACE	± .010	± 0.18
1 PLACE	---	± 0.25

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWG. BY JJS | CHK'D. BY RW | APP'D. BY RAS | SCALE 4:1

▽=0 ▼=0 REVISE ONLY ON CAD SYSTEM

TITLE: PLUG & RECEPTACLE HOUSINGS 2 CIRCUIT, .062/(1.57) DIA.

MOLEX INCORPORATED LISLE,ILL. 60532 U.S.A. | SHEET NO. 1 OF 3 | DATE 4/13/88

PART NO. SEE CHART | DRWG. NO. SD-1625-2#

FILE NAME S16252X1 DGN

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIV. CP | SIZE C

PLUG	
PART NO.	ENG. NO.
03-06-7023	1625-2P1BK
03-06-2023	1625-2P1
03-06-7027	1625-2P2BK
03-06-2024	1625-2P2

RECEPTACLE	
PART NO.	ENG. NO.
03-06-6023	1625-2R1BK
03-06-1020	1625-2R3
03-06-1023	1625-2R1
03-06-1022	1625-2R2
03-06-6025	1625-2R2RD
03-06-6026	1625-2R2GN
03-06-6027	1625-2R2BU
03-06-6022	1625-2R2BK
03-06-6028	1625-2R1BU

RECEPTACLE LEGEND:

1625-2R**

CIRCUIT SIZE

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PLUG LEGEND:

1625-2P**

CIRCUIT SIZE

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1 = WITHOUT MOUNTING EARS
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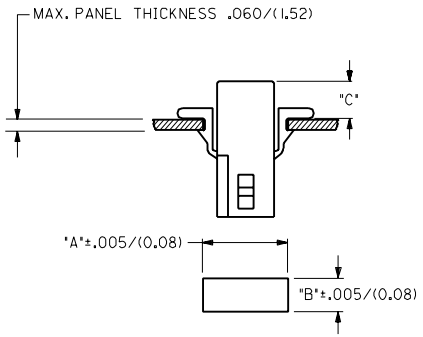

RECOMMENDED HOLE PATTERN

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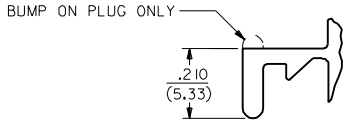
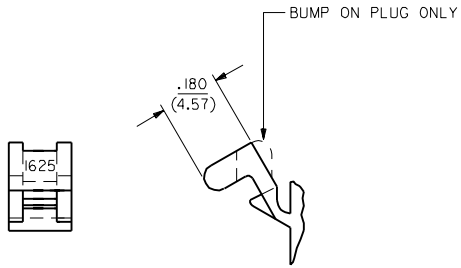
RECEPTACLE	.505 (12.83)	.265 (6.73)	.25 (6.4)	.25 (6.4)



DETAIL 3
STANDARD MOUNTING EARS
(SCALE 4:1)



DETAIL 4
PREBENT MOUNTING EARS
(SCALE 4:1)

NOTES:

1. MATERIAL - NYLON TYPE 6/6, 94V-2
2. THIS PRODUCT COMPLIES WITH MOLEX PRODUCT SPEC 02-06.
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LTR.	REVISIONS	LTR.	REVISIONS
		AD1	SEE SHT. 1
		AD	SEE SHT. 1

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1°

	INCH	METRIC
3 PLACE	± .007	---
2 PLACE	± .010	± .18
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DRWG. BY JJS | CHK'D. BY RW
APP'D. BY RAS | SCALE 2 : 1

▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM

TITLE: PLUG & RECEPTACLE HOUSINGS 2 CIRCUIT, .062/(1.57) DIA.

MOLEX INCORPORATED LISLE,ILL. 60532 U.S.A. | SHEET NO. 3 | DATE 4/14/88

PART NO. SEE CHART | DRWG. NO. SD-1625-2*

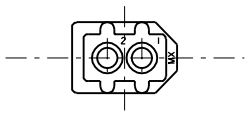
FILE NAME S16252X3.DGN

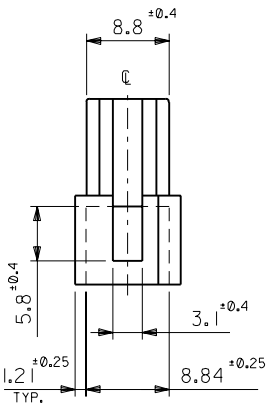
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

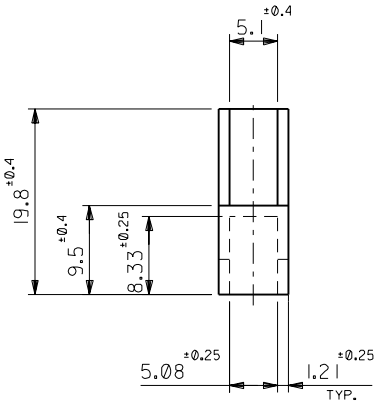
DIV. CP | SIZE C

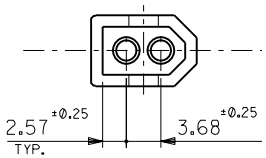
DWG. NO. SD-1625-2P1

:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING









注記
NOTE
材質：ナイロン66，94V−2
MATERIAL:NYLON66,94V-2

角度 ANGLE	±3°
30 以上 OVER	±0.3
10 以上 OVER 30 未満 UNDER	±0.25
10 未満 UNDER	±0.2
一般公差 GENERAL TOLERANCES	

記号 LTR	変更内容 REVISION RECORD	DR.	CHK.	日付 DATE
E	REVISED (JC90389)	S.K	M.F	'98/12/23
D	再作図 REDRAWN (JC70302)	H.I	M.F	'96/07/08

材料 MATERIAL	図中参照 REFER TO DRAWING
仕上げ FINISH	
適用電線範囲 WIRE RANGE	
被覆外径 INS. RANGE	
DRAWN BY '98/12/23	H.IIJIMA
CHK'D BY '98/12/23	S.KUNISHI
APP'D BY '98/12/23	M.FUKUSHIMA
尺度 SCALE	2 : 1

1625-2P1	03-06-2023
ENG NO.	PART NO.

MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社

REVISE ONLY ON CAD SYSTEM

TITLE 名称
.062 DIA. 2 CIRCUIT PLUG HOUSING

DWG. NO. SD-1625-2P1 REV E

1625.552

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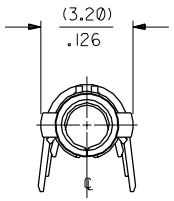
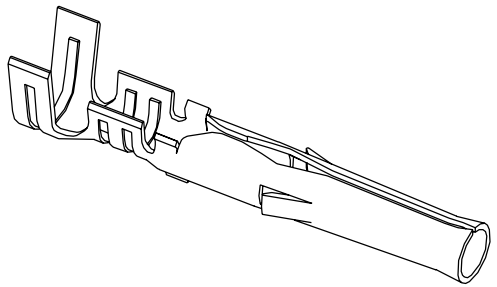
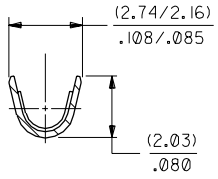
本図面は日本モレックス（株）の所有する情報を含むもので 当社の許可なく複製を禁止する。

EN-0IC(032)MXJ-32

PART NO.	ENG. NO.	
02-06-1101	1561-(P901)	
02-06-1103	1561-(P901)L	
02-06-5101	1561-(P561)	
02-06-5102	1561-(P561)L	
02-06-5108	1561-(P563)	
02-06-5109	1561-(P563)L	
02-06-5100	1561-(P550)	
02-06-5103	1561-(P550)L	
02-06-5105	1561-(P591)	**OBSOLETE**
02-06-5104	1561-(P591)L	
02-06-1118	1561-1(P901)	
NOT TOOLED	1561-1(P901)L	

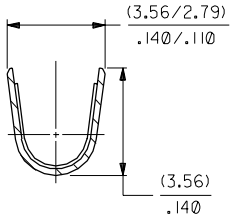






SECT. "B-B"

SCALE: 10X



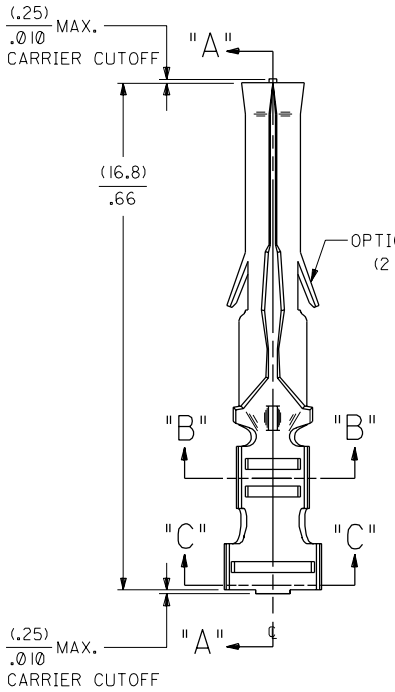
SECT. "C-C"

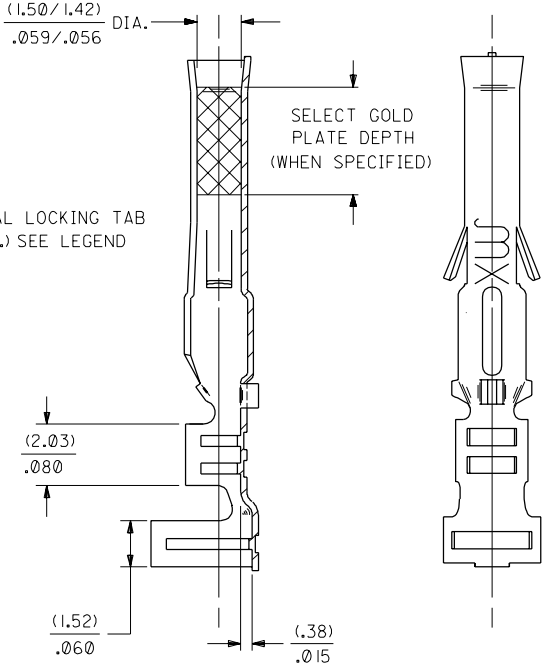
SCALE: 10X

LEGEND

1561-*(****)*

- BLANK=WITH LOCKING TABS
- 1=WITHOUT LOCKING TABS
- P=PREPLATE
- BLANK=POSTPLATE
- FINISH CODE
- FORM BLANK=CHAIN L=LOOSE





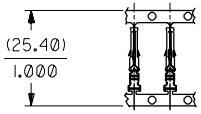
SECT. "A-A"

NOTES:

1. TERMINAL FOR USE WITH (1.57)/.062 DIA. SERIES HOUSINGS AND WILL ACCEPT 18 THRU 24 AWG WIRE WITH (1.52/3.05)/.060/.120 INSULATION DIA.
2. THIS PART CONFORMS TO PRODUCT SPEC. 02-06.

FINISH CODES:

- 901 HOT TIN DIP (.00051)/.000020 MIN.
- 563 SELECT GOLD PLATE (.00076)/.000030 MIN. IN CONTACT AREA, SELECT TIN-LEAD (.00254)/.000100 MIN. IN CRIMP AREA OVER (.00127)/.000050 MIN. NICKEL OVERALL.
- 561 SELECT GOLD PLATE (.00076)/.000030 MIN. IN CONTACT AREA, OVER (.00127)/.000050 MIN. NICKEL OVERALL.
- 591 SELECT GOLD PLATE (.00127)/.000050 MIN. IN CONTACT AREA, OVER (.00127)/.000050 MIN. NICKEL OVERALL WITH (.000025)/.000010 MAX. GOLD FLASH OVERALL.
- 550 SELECT GOLD PLATE (.00038)/.000015 MIN. IN CONTACT AREA, OVER (.00076)/.000030 MIN. NICKEL OVERALL WITH (.000025)/.000010 MAX. GOLD FLASH OVERALL.



CARRIER VIEW
ACTUAL SIZE

MATERIAL NOTE:

CARTRIDGE BRASS, ALLOY #C26000,
(.20)/.008 THICK, EXTRA SPRING TEMPER

MFG.	SH.	REV.	LTR.	REVISIONS
			AN	OBSOLETE P/N UCR2002-0270 COMERCI 01/9/25
			AM1	ADDED ISO VIEW UCR1998-0248 WANG 98-05-21
			AM	REV. AND REDRAWN PER ECR 10372 GEP 8-20-87 RW

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°

	INCH	METRIC
3 PLACE	± .010	---
2 PLACE	± .014	± 0.25
1 PLACE	---	± 0.35

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM

TITLE: CRIMP TERMINAL, FEMALE (1.57)/.062 DIA. FOR 18 THRU 24 GA. WIRE

MOLEX INCORPORATED — LISLE, ILL. 60532 U.S.A.

SHEET NO. 1 OF 1 | DATE 8/20/87

PART NO. SEE CHART | DRWG. NO. SD-1561-■

DRWG. BY	CHK'D. BY	
GEP	RW	
APP'D. BY	SCALE	
RAS	8 : 1	

FILE NAME SD1561X1

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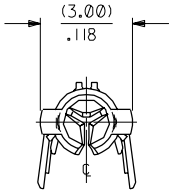
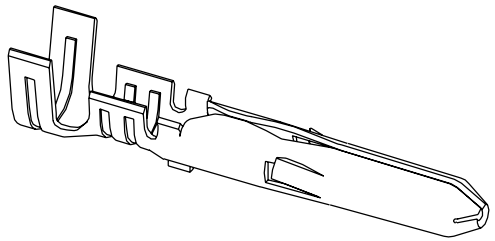
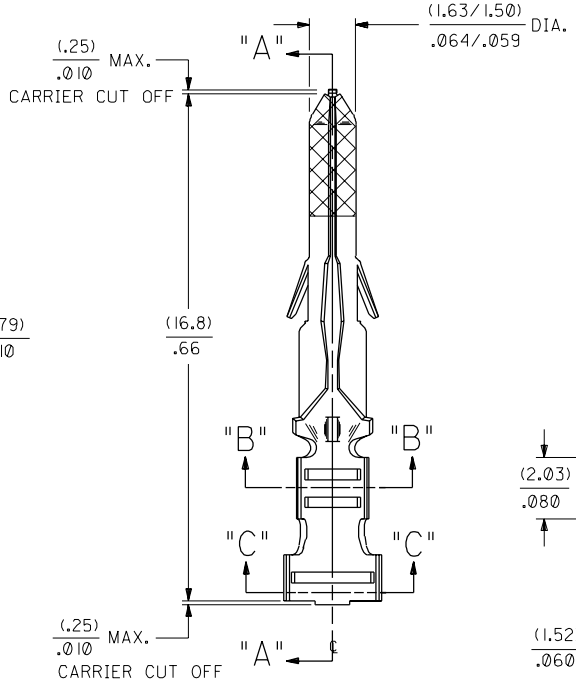
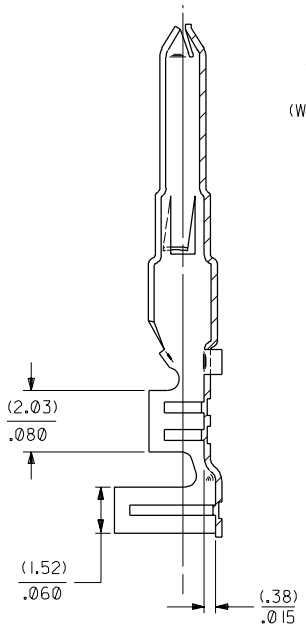
DIV. CP | SIZE C

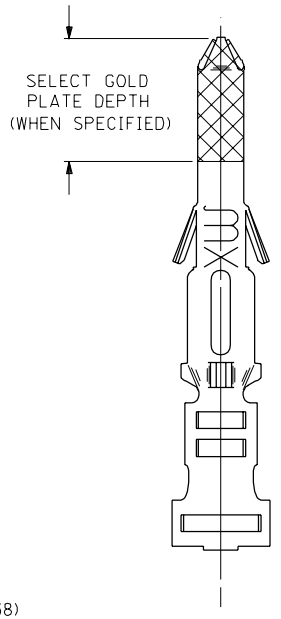
PART NO.	ENG. NO.	
02-06-2101	1560-(P901)	
02-06-2103	1560-(P901)L	
02-06-6101	1560-(561)	
02-06-6102	1560-(561)L	
02-06-6118	1560-(563)	
02-06-6119	1560-(563)L	
02-06-6116	1560-(575)	
02-06-6112	1560-(575)L	
02-06-6100	1560-(550)	
02-06-6103	1560-(550)L	
02-06-6105	1560-(591)	**OBSOLETE**
02-06-6104	1560-(591)L	

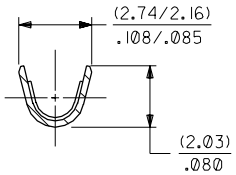






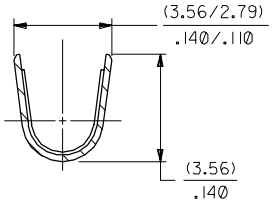






SECT. "B-B"

SCALE: 10X



SECT. "C-C"

SCALE: 10X

SECT. "A-A"

NOTES:

1. TERMINAL FOR USE WITH (1.57)/.062 DIA. SERIES HOUSINGS AND WILL ACCEPT 18 THRU 24 AWG WIRE WITH (1.52/3.05)/.060/.120 INSULATION DIA.
2. THIS PART CONFORMS TO PRODUCT SPEC. 02-06.

FINISH CODES:

901 HOT TIN DIP (.00051)/.000020 MIN.

563 SELECT GOLD PLATE (.00076)/.000030 MIN. IN CONTACT AREA, SELECT TIN-LEAD (.00254)/.000100 MIN. IN CRIMP AREA OVER (.00127)/.000050 MIN. NICKEL OVERALL.

575 SELECT GOLD PLATE (.00127)/.000050 MIN. IN CONTACT AREA, SELECT TIN-LEAD (.00127)/.000050 MIN. IN CRIMP AREA OVER (.00127)/.000050 MIN. NICKEL OVERALL.

561 SELECT GOLD PLATE (.00076)/.000030 MIN. IN CONTACT AREA, OVER (.00127)/.000050 MIN. NICKEL OVERALL.

591 SELECT GOLD PLATE (.00127)/.000050 MIN. IN CONTACT AREA, OVER (.00127)/.000050 MIN. NICKEL OVERALL WITH (.000025)/.000010 MAX. GOLD FLASH OVERALL.

550 SELECT GOLD PLATE (.00038)/.000015 MIN. IN CONTACT AREA, OVER (.00076)/.000030 MIN. NICKEL OVERALL WITH (.000025)/.000010 MAX. GOLD FLASH OVERALL.

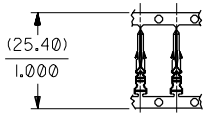
LEGEND

1560-(****)*

P=PREPLATE
BLANK=POSTPLATE

FINISH CODE

FORM
BLANK=CHAIN
L=LOOSE



CARRIER VIEW
ACTUAL SIZE

MATERIAL NOTE:

CARTRIDGE BRASS, ALLOY #C26000, (.20)/.008 THICK, EXTRA SPRING TEMPER

LTR.	REVISIONS
AN	OBSOLETE P/N UCR2002-0210 COMERCI 01/9/25
AM1	ADDED ISO VIEW UCR1998-0248 WANG '98-05-21
AM	REV. & REDRAWN PER ECR 10372 GEP 8-19-87 RW

MFG SYS REV

▽ = 0 ▼ = 0 REVISE ONLY ON CAD SYSTEM

DIMENSIONS SHOWN (METRIC) INCH

UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2°

	INCH	METRIC
3 PLACE	± .010	---
2 PLACE	± .014	± 0.25
1 PLACE	---	± 0.35

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

TITLE: CRIMP TERMINAL, MALE (1.57)/.062 DIA. FOR 18 THRU 24 GA. WIRE

MOLEX INCORPORATED LISLE, ILL. 60532 U.S.A.

SHEET NO. 1 OF 1

DATE 8/19/87

PART NO. SEE CHART

DRWG. NO. SD-1560-▪

DRWG. BY	CHK'D. BY	
GEP	RW	
APP'D. BY	SCALE	
RAS	8 : 1	

FILE NAME SD1560X1

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DIV. CP SIZE C